



**Raytown Quality Schools**

Jackson County, Missouri



Fund 3 - Cash Flow Analysis - **\*\*Historical Growth Past 20 years equal to future 20 years\*\***

\*Assumes refinancing of 2014 and portion of 2019A, issuance of remaining 2019 authorization and hypothetical \$25,000,000 Issue in 2023

Fiscal Year	Assessed Valuation	Growth Rate	Tax Levy	Total Revenue	Existing Debt Service	2022 Issue \$15,105,000	2023 Hypothetical Bond Issue \$30,000,000	2027 Hypothetical Bond Issue	Surplus (Deficit)	Fund Balance
2016	626,682,968	3.8100%	1.2037	7,850,852	8,476,623	-	-	-	(625,771)	6,469,912
2017	626,477,314	-0.0328%	1.1949	8,029,788	8,152,373	-	-	-	(122,585)	6,347,328
2018	660,300,500	5.3989%	1.3204	9,120,153	8,315,573	-	-	-	804,581	7,151,908
2019	663,279,677	0.4512%	1.2989	9,226,346	8,291,873	-	-	-	934,473	8,086,381
2020	749,676,117	13.0256%	1.1600	8,978,744	11,519,754	-	-	-	(2,541,010)	5,545,371
2021	731,300,638	-2.4511%	1.1600	8,890,641	9,556,855	-	-	-	(666,214)	4,879,157
2022	785,087,636	7.3550%	1.4000	11,381,847	6,897,770	146,050	-	-	288,027	5,167,184
2023	801,054,748	2.0338%	1.4000	11,611,462	8,097,770	584,200	-	-	279,492	5,446,675
2024	817,346,600	2.0338%	1.1200	9,580,059	8,381,020	584,200	746,667	-	(131,828)	5,314,847
2025	833,969,795	2.0338%	1.1200	9,773,023	8,491,520	584,200	1,050,000	-	17,303	5,332,150
2026	850,931,073	2.0338%	1.1200	9,969,909	8,567,970	584,200	1,050,000	-	137,739	5,469,889
2027	868,237,309	2.0338%	1.1200	10,170,796	8,661,720	584,200	1,050,000	-	244,876	5,714,765
2028	885,895,519	2.0338%	1.1200	10,375,766	6,961,970	584,200	1,050,000	1,844,889	304,707	6,019,473
2029	903,912,862	2.0338%	1.1200	10,584,902	7,135,120	584,200	1,375,000	1,725,500	135,082	6,154,554
2030	922,296,642	2.0338%	1.1200	10,798,287	7,292,370	584,200	1,538,625	1,880,600	222,492	6,377,046
2031	941,054,311	2.0338%	1.1200	11,016,009	5,864,495	584,200	3,396,125	1,720,100	171,089	6,548,136
2032	960,193,474	2.0338%	1.1200	11,238,157	3,935,750	584,200	5,563,000	1,734,850	140,357	6,688,492
2033	979,721,889	2.0338%	1.1200	11,464,818	3,959,250	584,200	3,151,125	2,468,900	2,021,343	8,709,836
2034	999,647,472	2.0338%	1.1200	11,696,086	3,986,000	1,584,200	2,293,000	2,467,050	2,085,836	10,795,672
2035	1,019,978,303	2.0338%	1.1200	11,932,054	3,760,500	1,554,200	2,337,000	2,479,150	2,151,204	12,946,876
2036	1,040,722,621	2.0338%	1.1200	12,172,818	6,730,000	524,200	577,500	2,474,675	2,216,443	15,163,319
2037	1,061,888,838	2.0338%	1.1200	12,418,475	6,755,000	524,200	577,500	2,624,150	2,287,625	17,450,944
2038	1,083,485,533	2.0338%	1.1200	12,669,124	6,965,000	524,200	577,500	1,382,150	3,570,274	21,021,218
2039	1,105,521,462	2.0338%	1.1200	12,924,867	7,350,000	4,024,200	2,577,500	2,752,150	3,571,017	24,592,236
2040	1,128,005,558	2.0338%	1.1200	13,185,808	-	4,884,200	1,507,500	3,559,200	3,234,908	27,827,143
2041	1,150,946,935	2.0338%	1.1200	13,452,051	-	5,309,200	472,500	3,306,325	4,364,026	32,191,170
2042	1,174,354,893	2.0338%	1.1200	13,723,706	-	-	5,972,500	3,379,575	4,371,631	36,562,801
2043	1,198,238,923	2.0338%	1.1200	14,000,881	-	-	8,280,000	1,107,750	4,613,131	41,175,932
2044	1,222,608,706	2.0338%	1.1200	14,283,689	-	-	-	8,207,750	6,075,939	47,251,871
2045	1,247,474,122	2.0338%	1.1200	14,572,245	-	-	-	8,459,250	6,112,995	53,364,866
2046	1,272,845,251	2.0338%	1.1200	14,866,665	-	-	-	8,793,250	6,073,415	59,438,282
2047	1,298,732,378	2.0338%	1.1200	15,167,069	-	-	-	9,056,250	6,110,819	65,549,101
2048	1,325,145,997	2.0338%	1.1200	15,473,578	-	-	-	-	15,473,578	81,022,679
2049	1,352,096,816	2.0338%	1.1200	15,786,316	-	-	-	-	15,786,316	96,808,994
2050	1,379,595,761	2.0338%	1.1200	16,105,409	-	-	-	-	16,105,409	112,914,403



**Raytown Quality Schools**

Jackson County, Missouri

Summary of Revenue Projections



Fiscal Year	Assessed Valuation	Growth Rate	Tax Levy	Taxes Assessed	Taxes Collected	Collection Rate	Interest Income	Other Revenue	Total Revenue
2016	626,682,968	3.81%	1.2037	7,543,383	7,435,224	98.57%	14,000	401,627	7,850,852
2017	626,477,314	-0.03%	1.1949	7,485,777	7,624,988	101.86%	14,160	390,639	8,029,788
2018	660,300,500	5.40%	1.3204	8,718,608	8,644,689	99.15%	48,403	427,062	9,120,153
2019	663,279,677	0.45%	1.2989	8,615,340	8,632,156	100.20%	132,791	461,399	9,226,346
2020	749,676,117	13.03%	1.1600	8,696,243	8,483,007	97.55%	96,341	399,396	8,978,744
2021	731,300,638	-2.45%	1.1600	8,483,087	8,398,257	99.00%	85,000	407,384	8,890,641
2022	785,087,636	7.35%	1.4000	10,991,227	10,881,315	99.00%	85,000	415,532	11,381,847
2023	801,054,748	2.03%	1.4000	11,214,766	11,102,619	99.00%	85,000	423,843	11,611,462
2024	817,346,600	2.03%	1.1200	9,154,282	9,062,739	99.00%	85,000	432,320	9,580,059
2025	833,969,795	2.03%	1.1200	9,340,462	9,247,057	99.00%	85,000	440,966	9,773,023
2026	850,931,073	2.03%	1.1200	9,530,428	9,435,124	99.00%	85,000	449,785	9,969,909
2027	868,237,309	2.03%	1.1200	9,724,258	9,627,015	99.00%	85,000	458,781	10,170,796
2028	885,895,519	2.03%	1.1200	9,922,030	9,822,810	99.00%	85,000	467,957	10,375,766
2029	903,912,862	2.03%	1.1200	10,123,824	10,022,586	99.00%	85,000	477,316	10,584,902
2030	922,296,642	2.03%	1.1200	10,329,722	10,226,425	99.00%	85,000	486,862	10,798,287
2031	941,054,311	2.03%	1.1200	10,539,808	10,434,410	99.00%	85,000	496,599	11,016,009
2032	960,193,474	2.03%	1.1200	10,754,167	10,646,625	99.00%	85,000	506,531	11,238,157
2033	979,721,889	2.03%	1.1200	10,972,885	10,863,156	99.00%	85,000	516,662	11,464,818
2034	999,647,472	2.03%	1.1200	11,196,052	11,084,091	99.00%	85,000	526,995	11,696,086
2035	1,019,978,303	2.03%	1.1200	11,423,757	11,309,519	99.00%	85,000	537,535	11,932,054
2036	1,040,722,621	2.03%	1.1200	11,656,093	11,539,532	99.00%	85,000	548,286	12,172,818
2037	1,061,888,838	2.03%	1.1200	11,893,155	11,774,223	99.00%	85,000	559,251	12,418,475
2038	1,083,485,533	2.03%	1.1200	12,135,038	12,013,688	99.00%	85,000	570,436	12,669,124
2039	1,105,521,462	2.03%	1.1200	12,381,840	12,258,022	99.00%	85,000	581,845	12,924,867
2040	1,128,005,558	2.03%	1.1200	12,633,662	12,507,326	99.00%	85,000	593,482	13,185,808
2041	1,150,946,935	2.03%	1.1200	12,890,606	12,761,700	99.00%	85,000	605,352	13,452,051
2042	1,174,354,893	2.03%	1.1200	13,152,775	13,021,247	99.00%	85,000	617,459	13,723,706
2043	1,198,238,923	2.03%	1.1200	13,420,276	13,286,073	99.00%	85,000	629,808	14,000,881
2044	1,222,608,706	2.03%	1.1200	13,693,218	13,556,285	99.00%	85,000	642,404	14,283,689
2045	1,247,474,122	2.03%	1.1200	13,971,710	13,831,993	99.00%	85,000	655,252	14,572,245
2046	1,272,845,251	2.03%	1.1200	14,255,867	14,113,308	99.00%	85,000	668,357	14,866,665
2047	1,298,732,378	2.03%	1.1200	14,545,803	14,400,345	99.00%	85,000	681,724	15,167,069
2048	1,325,145,997	2.03%	1.1200	14,841,635	14,693,219	99.00%	85,000	695,359	15,473,578
2049	1,352,096,816	2.03%	1.1200	15,143,484	14,992,049	99.00%	85,000	709,266	15,786,316
2050	1,379,595,761	2.03%	1.1200	15,451,473	15,296,958	99.00%	85,000	723,451	16,105,409



**Raytown Quality Schools**

Jackson County, Missouri



**Bonding Capacity Recapture Schedule**

Calendar Year	Locally Assessed Valuation	State Assessed Valuation*	TIF Assessed Valuation	Total Assessed Property	15% of Assessed Valuation	DSF Balance	Gross Bonding Capacity	Principal Outstanding	September Interest Payment	Net Bonding Capacity	2022 Principal Balance	2023 Hypothetical Balance	2027 Hypothetical Balance	Remaining Debt Capacity
2022	785,087,636	10,714,881	16,591,314	812,393,831	121,859,075	5,167,184	127,026,258	78,495,000		48,531,258	15,105,000	-	-	39,001,258
2023	801,054,748	10,982,753	16,591,314	828,628,815	124,294,322	5,446,675	129,740,997	74,140,000	1,765,510	53,835,487	15,105,000	30,000,000	-	14,305,487
2024	817,346,600	11,257,321	16,591,314	845,195,235	126,779,285	5,314,847	132,094,132	69,290,000		62,804,132	15,105,000	30,000,000	-	23,274,132
2025	833,969,795	11,538,754	16,591,314	862,099,863	129,314,980	5,332,150	134,647,130	64,095,000		70,552,130	15,105,000	30,000,000	-	31,022,130
2026	850,931,073	11,827,223	16,591,314	879,349,610	131,902,441	5,469,889	137,372,331	58,570,000		78,802,331	15,105,000	30,000,000	-	39,272,331
2027	868,237,309	12,122,904	16,591,314	896,951,527	134,542,729	5,714,765	140,257,494	52,675,000	1,675,985	85,906,509	15,105,000	30,000,000	46,000,000	376,509
2028	885,895,519	12,425,976	16,591,314	914,912,810	137,236,921	6,019,473	143,256,394	48,190,000		95,066,394	15,105,000	30,000,000	43,425,000	12,111,394
2029	903,912,862	12,736,626	16,591,314	933,240,802	139,986,120	6,154,554	146,140,674	43,335,000		102,805,674	15,105,000	29,675,000	43,275,000	20,325,674
2030	922,296,642	13,055,042	16,591,314	951,942,998	142,791,450	6,377,046	149,168,496	38,110,000		111,058,496	15,105,000	29,175,000	43,115,000	29,238,496
2031	941,054,311	13,381,418	16,591,314	971,027,043	145,654,056	6,548,136	152,202,192	34,115,000		118,087,192	15,105,000	26,800,000	42,945,000	38,812,192
2032	960,193,474	13,715,953	16,591,314	990,500,741	148,575,111	6,688,492	155,263,603	31,885,000	2,000,000	121,378,603	15,105,000	22,175,000	42,765,000	46,908,603
2033	979,721,889	14,058,852	16,591,314	1,010,372,054	151,555,808	8,709,836	160,265,644	29,520,000		130,745,644	15,105,000	19,800,000	41,855,000	59,560,644
2034	999,647,472	14,410,323	16,591,314	1,030,649,109	154,597,366	10,795,672	165,393,038	27,010,000		138,383,038	14,105,000	18,200,000	40,915,000	70,738,038
2035	1,019,978,303	14,770,581	16,591,314	1,051,340,198	157,701,030	12,946,876	170,647,906	24,600,000		146,047,906	13,105,000	16,500,000	39,930,000	82,087,906
2036	1,040,722,621	15,139,846	16,591,314	1,072,453,781	160,868,067	15,163,319	176,031,387	19,100,000		156,931,387	13,105,000	16,500,000	38,915,000	93,986,387
2037	1,061,888,838	15,518,342	16,591,314	1,093,998,494	164,099,774	17,450,944	181,550,718	13,300,000		168,250,718	13,105,000	16,500,000	37,715,000	106,505,718
2038	1,083,485,533	15,906,300	16,591,314	1,115,983,148	167,397,472	21,021,218	188,418,691	7,000,000		181,418,691	13,105,000	16,500,000	37,715,000	114,098,691
2039	1,105,521,462	16,303,958	16,591,314	1,138,416,734	170,762,510	24,592,236	195,354,746	-		195,354,746	9,605,000	14,500,000	36,345,000	134,904,746
2040	1,128,005,558	16,711,557	16,591,314	1,161,308,428	174,196,264	27,827,143	202,023,408	-		202,023,408	5,105,000	13,500,000	34,120,000	149,298,408
2041	1,150,946,935	17,129,346	16,591,314	1,184,667,594	177,700,139	32,191,170	209,891,309	-		209,891,309	-	13,500,000	32,070,000	164,321,309
2042	1,174,354,893	17,557,579	16,591,314	1,208,503,787	181,275,568	36,562,801	217,838,369	-		217,838,369	-	8,000,000	29,875,000	179,963,369
2043	1,198,238,923	17,996,519	16,591,314	1,232,826,756	184,924,013	41,175,932	226,099,945	-		226,099,945	-	-	29,555,000	196,544,945
2044	1,222,608,706	18,446,432	16,591,314	1,257,646,452	188,646,968	47,251,871	235,898,839	-		235,898,839	-	-	22,825,000	213,073,839
2045	1,247,474,122	18,907,593	16,591,314	1,282,973,029	192,445,954	53,364,866	245,810,821	-		245,810,821	-	-	15,660,000	230,150,821

\*City of Raytown - in order to determine value for the District, all companies with centrally assessed property in Jackson County must be surveyed



**Raytown Quality Schools**  
Jackson County, Missouri  
Debt Amortization Schedule



Date	2019B			2019A			2014 Refunding			2014 New Money			Totals			Date	Bond Balance		
	Principal	Coupon	Interest	Principal	Coupon	Interest	Principal	Coupon	Interest	Principal	Coupon	Interest	Principal	Interest	Period Total			Fiscal	Calendar
09/01/21			193,735.00			675,250.00			519,900.00			550,000.00	-	1,938,885.00	1,938,885.00	-	9,452,312.50	09/01/21	81,515,000
03/01/22	-		193,735.00	-		675,250.00	3,020,000	4.470%	519,900.00	-		550,000.00	3,020,000	1,938,885.00	4,958,885.00	6,897,770.00	-	03/01/22	78,495,000
09/01/22			193,735.00			675,250.00			452,400.00			550,000.00	-	1,871,385.00	1,871,385.00	-	6,830,270.00	09/01/22	78,495,000
03/01/23	-		193,735.00	-		675,250.00	3,095,000	4.806%	452,400.00	1,260,000	5.000%	550,000.00	4,355,000	1,871,385.00	6,226,385.00	8,097,770.00	-	03/01/23	74,140,000
09/01/23			193,735.00			675,250.00			378,025.00			518,500.00	-	1,765,510.00	1,765,510.00	-	7,991,895.00	09/01/23	74,140,000
03/01/24	-		193,735.00	-		675,250.00	3,500,000	4.771%	378,025.00	1,350,000	5.000%	518,500.00	4,850,000	1,765,510.00	6,615,510.00	8,381,020.00	-	03/01/24	69,290,000
09/01/24			193,735.00			675,250.00			294,525.00			484,750.00	-	1,648,260.00	1,648,260.00	-	8,263,770.00	09/01/24	69,290,000
03/01/25	-		193,735.00	-		675,250.00	3,755,000	4.835%	294,525.00	1,440,000	5.000%	484,750.00	5,195,000	1,648,260.00	6,843,260.00	8,491,520.00	-	03/01/25	64,095,000
09/01/25			193,735.00			675,250.00			203,750.00			448,750.00	-	1,521,485.00	1,521,485.00	-	8,364,745.00	09/01/25	64,095,000
03/01/26	-		193,735.00	-		675,250.00	3,990,000	5.000%	203,750.00	1,535,000	5.000%	448,750.00	5,525,000	1,521,485.00	7,046,485.00	8,567,970.00	-	03/01/26	58,570,000
09/01/26			193,735.00			675,250.00			104,000.00			410,375.00	-	1,383,360.00	1,383,360.00	-	8,429,845.00	09/01/26	58,570,000
03/01/27	-		193,735.00	-		675,250.00	4,260,000	4.883%	104,000.00	1,635,000	5.000%	410,375.00	5,895,000	1,383,360.00	7,278,360.00	8,661,720.00	-	03/01/27	52,675,000
09/01/27			193,735.00			675,250.00			-			369,500.00	-	1,238,485.00	1,238,485.00	-	8,516,845.00	09/01/27	52,675,000
03/01/28	2,740,000	4.000%	193,735.00	-		675,250.00	-		-	1,745,000	5.000%	369,500.00	4,485,000	1,238,485.00	5,723,485.00	6,961,970.00	-	03/01/28	48,190,000
09/01/28			138,935.00			675,250.00			-			325,875.00	-	1,140,060.00	1,140,060.00	-	6,863,545.00	09/01/28	48,190,000
03/01/29	3,000,000	4.000%	138,935.00	-		675,250.00	-		-	1,855,000	5.000%	325,875.00	4,855,000	1,140,060.00	5,995,060.00	7,135,120.00	-	03/01/29	43,335,000
09/01/29			78,935.00			675,250.00			-			279,500.00	-	1,033,685.00	1,033,685.00	-	7,028,745.00	09/01/29	43,335,000
03/01/30	3,250,000	3.050%	78,935.00	-		675,250.00	-		-	1,975,000	5.000%	279,500.00	5,225,000	1,033,685.00	6,258,685.00	7,292,370.00	-	03/01/30	38,110,000
09/01/30			29,372.50			675,250.00			-			230,125.00	-	934,747.50	934,747.50	-	7,193,432.50	09/01/30	38,110,000
03/01/31	1,895,000	3.100%	29,372.50	-		675,250.00	-		-	2,100,000	5.000%	230,125.00	3,995,000	934,747.50	4,929,747.50	5,864,495.00	-	03/01/31	34,115,000
09/01/31			-			675,250.00			-			177,625.00	-	852,875.00	852,875.00	-	5,782,622.50	09/01/31	34,115,000
03/01/32	-		-	-		675,250.00	-		-	2,230,000	5.000%	177,625.00	2,230,000	852,875.00	3,082,875.00	3,935,750.00	-	03/01/32	31,885,000
09/01/32			-			675,250.00			-			121,875.00	-	797,125.00	797,125.00	-	3,880,000.00	09/01/32	31,885,000
03/01/33	-		-	-		675,250.00	-		-	2,365,000	5.000%	121,875.00	2,365,000	797,125.00	3,162,125.00	3,959,250.00	-	03/01/33	29,520,000
09/01/33			-			675,250.00			-			62,750.00	-	738,000.00	738,000.00	-	3,900,125.00	09/01/33	29,520,000
03/01/34	-		-	-		675,250.00	-		-	2,510,000	5.000%	62,750.00	2,510,000	738,000.00	3,248,000.00	3,986,000.00	-	03/01/34	27,010,000
09/01/34			-			675,250.00			-			-	-	675,250.00	675,250.00	-	3,923,250.00	09/01/34	27,010,000
03/01/35	-		-	2,410,000	5.000%	675,250.00	-		-	-		-	2,410,000	675,250.00	3,085,250.00	3,760,500.00	-	03/01/35	24,600,000
09/01/35			-			615,000.00			-			-	-	615,000.00	615,000.00	-	3,700,250.00	09/01/35	24,600,000
03/01/36	-		-	5,500,000	5.000%	615,000.00	-		-	-		-	5,500,000	615,000.00	6,115,000.00	6,730,000.00	-	03/01/36	19,100,000
09/01/36			-			477,500.00			-			-	-	477,500.00	477,500.00	-	6,592,500.00	09/01/36	19,100,000
03/01/37	-		-	5,800,000	5.000%	477,500.00	-		-	-		-	5,800,000	477,500.00	6,277,500.00	6,755,000.00	-	03/01/37	13,300,000
09/01/37			-			332,500.00			-			-	-	332,500.00	332,500.00	-	6,610,000.00	09/01/37	13,300,000
03/01/38	-		-	6,300,000	5.000%	332,500.00	-		-	-		-	6,300,000	332,500.00	6,632,500.00	6,965,000.00	-	03/01/38	7,000,000
09/01/38			-			175,000.00			-			-	-	175,000.00	175,000.00	-	6,807,500.00	09/01/38	7,000,000
03/01/39	-		-	7,000,000	5.000%	175,000.00	-		-	-		-	7,000,000	175,000.00	7,175,000.00	7,350,000.00	-	03/01/39	-
09/01/39			-			-			-			-	-	-	-	-	7,175,000.00	09/01/39	-

30 and 31 maturities callable 3-1-27

3-1-29 at Par

Non-callable

3-1-24 at Par

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